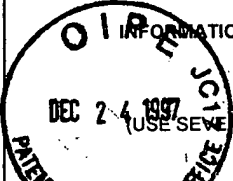


FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MNFRAME.002A1	APPLICATION NO. 08/942,160
 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p>		APPLICANT Sheikh, et al.	
		FILING DATE October 1, 1997	GROUP Unknown 2787

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
24	D Schofield, M.J., http://www.omegas.co.uk/CAN/canworks.htm , Copyright 1996, 1997, "Controller Area Network - How CAN Works"
24	E http://www.nrtt.demon.co.uk/cantech.html , May 28, 1997, "CAN: Technical overview"

EXAMINER <i>Thomas Heller</i>	DATE CONSIDERED 6-24-99
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MNFRAME.002A1APPLICATION NO.
08/942,160INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Sheikh, et al.FILING DATE
October 1, 1997GROUP
~~Unknown~~ 2787

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>JA</i>	5,210,855	05/11/93	Bartol	395	500	
<i>JA</i>	5,471,617	11/28/95	Farrand et al.	395	700	
<i>JA</i>	5,579,491	11/26/96	Jeffries et al.	395	283	
<i>JA</i>	5,621,892	04/15/97	Cook	395	200.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>JA</i>	A	Lockareff, M., HTINews., http://www.hometoys.com/htinews/dec96/articles/lonworks.htm , December 1996,
		"Lonworks - An Introduction"
<i>JA</i>	B	NetFRAME Systems Incorporated, <i>datasheet</i> , February 1992,
		"NF450FT Network Mainframe"
<i>JA</i>	C	NetFRAME Systems Incorporated, <i>datasheet</i> , March 1996,
		"NetFRAME Cluster Server 8000"

EXAMINER

DATE CONSIDERED

6-24-97

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MNFRAME.002A1	APPLICATION NO. 08/942,160
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Sheikh, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE October 1, 1997	GROUP 2785 2787

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>24</i>	5,123,017	06/16/92	Simpkins et al.	371	15.1	
<i>24</i>	5,261,094	11/09/93	Everson et al.	395	600	
<i>24</i>	5,272,584	12/21/93	Austruy et al.	361	58	
<i>24</i>	5,337,413	08/09/94	Lui et al.	395	275	
<i>24</i>	5,379,409	01/03/95	Ishikawa	395	57	
<i>24</i>	5,485,607	01/16/96	Lomet et al.	395	600	
<i>24</i>	5,564,024	10/08/96	Pemberton	395	283	
<i>24</i>	5,604,873	02/18/97	Fite et al.	395	283	
<i>24</i>	5,608,876	03/04/97	Cohen et al.	395	281	
<i>24</i>	5,644,731	07/01/97	Liencrees et al.	395	283	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
<i>24</i>	1	NetFRAME Systems Incorporated, <i>News Release</i> , 3 pages, referring to May 9, 1994, "NetFRAME's New High-Availability ClusterServer Systems Avoid Scheduled as well as Unscheduled Downtime."
<i>24</i>	2	Herr, et al., <i>Linear Technology Magazine, Design Features</i> , pp. 21-23, June 1997, "Hot Swapping the PCI Bus."

EXAMINER <i>Thomas Heubler</i>	DATE CONSIDERED <i>6-24-99</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MNFRAME.002A1APPLICATION NO.
08/942,160

RECEIVED

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

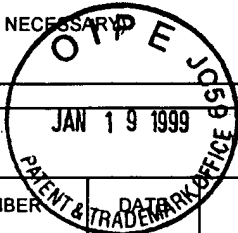
APPLICANT
SHEIKH, ET AL.FILING DATE
October 1, 1997

GROUP

2785 2787

JAN 2 1999

Group 2700



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JA	4,449,182	05/15/84	Rubinson et al.	—	—	
JA	4,835,737	05/30/89	Herrig et al.	—	—	
JA	4,949,245	08/14/90	Martin et al.	—	—	
JA	4,999,787	03/12/91	McNally et al.	—	—	
JA	5,210,855	05/11/93	Bartol	—	—	
JA	5,269,011	12/07/93	Yanai et al.	—	—	
JA	5,272,584	12/21/93	Austruy et al.	—	—	
JA	5,317,693	05/31/94	Cuenod et al.	—	—	
JA	5,329,625	07/12/94	Kannan et al.	—	—	
JA	5,337,413	08/09/94	Lui et al.	—	—	
JA	5,386,567	01/31/95	Lien et al.	—	—	
JA	5,483,419	01/09/96	Kaczeus, Sr. et al.	—	—	
JA	5,493,574	02/20/96	McKinley	—	—	
JA	5,493,666	02/20/96	Fitch	—	—	
JA	5,517,646	05/14/96	Piccirillo et al.	—	—	
JA	5,555,510	09/10/96	Verseput et al.	—	—	
JA	5,564,024	10/08/96	Pemberton	—	—	
JA	5,568,610	10/22/96	Brown	—	—	
JA	5,579,491	11/26/96	Jeffries et al.	—	—	
JA	5,581,712	12/03/96	Herrman	—	—	
JA	5,588,144	12/24/96	Inoue et al.	—	—	
JA	5,606,672	02/25/97	Wade	—	—	
JA	5,608,876	03/04/97	Cohen et al.	—	—	
JA	5,615,207	03/25/97	Gephardt et al.	—	—	
JA	5,632,021	05/20/97	Jennings et al.	—	—	
JA	5,638,289	06/10/97	Yamada et al.	—	—	
JA	5,644,470	07/01/97	Benedict et al.	—	—	
JA	5,644,731	07/01/97	Lienres et al.	—	—	

EXAMINER

DATE CONSIDERED

6-24-99

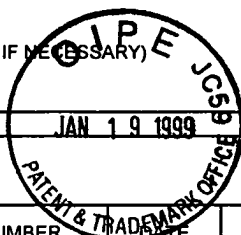
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MNFRAME.002A1	APPLICATION NO. 08/942,160
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT SHEIKH, ET AL.	
		FILING DATE October 1, 1997	GROUP 2785 2787

RECEIVED

JAN 21 1999

Group 2700



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JA	5,651,006	07/22/97	Fujino et al.	✓	✓	
JA	5,652,832	07/29/97	Kane et al.	✓	✓	
JA	5,664,119	09/02/97	Jeffries et al.	✓	✓	
JA	5,680,288	10/21/97	Carey et al.	✓	✓	
JA	5,696,970	12/09/97	Sandage et al.	✓	✓	
JA	5,726,506	03/10/98	Wood	✓	✓	
JA	5,740,378	04/14/98	Rehl et al.	✓	✓	
JA	5,747,889	05/05/98	Raynham et al.	✓	✓	
JA	5,748,426	05/05/98	Bedingfield et al.	✓	✓	
JA	5,754,797	05/19/98	Takahashi	✓	✓	
JA	5,761,033	06/02/98	Wilhelm	✓	✓	
JA	5,761,045	06/02/98	Olson et al.	✓	✓	
JA	5,764,968	06/09/98	Ninomiya	✓	✓	
JA	5,765,198	06/09/98	McCrocklin et al.	✓	✓	
JA	5,768,541	06/16/98	Pan-Ratzlaff	✓	✓	
JA	5,768,542	06/16/98	Enstrom et al.	✓	✓	
JA	5,781,767	07/14/98	Inoue et al.	✓	✓	
JA	5,781,798	07/14/98	Beatty et al.	✓	✓	
JA	5,784,576	07/21/98	Guthrie et al.	✓	✓	
JA	5,790,831	08/04/98	Lin et al.	✓	✓	
JA	5,793,987	08/11/98	Quackenbush et al.	✓	✓	
JA	5,794,035	08/11/98	Golub et al.	✓	✓	
JA	5,796,185	08/18/98	Takata et al.	✓	✓	
JA	5,796,981	08/18/98	Abudayyeh et al.	✓	✓	
JA	5,798,828	08/25/98	Thomas et al.	✓	✓	
JA	5,799,036	08/25/98	Staples	✓	✓	
JA	5,802,269	09/01/98	Poisner et al.	✓	✓	
JA	5,802,393	09/01/98	Begun et al.	✓	✓	

EXAMINER <i>Thomas H. Allen</i>	DATE CONSIDERED 6-24-99
---------------------------------	-------------------------

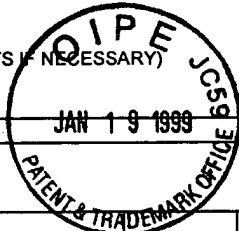
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MNFRAME.002A1	APPLICATION NO. 08/942,160
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT SHEIKH, ET AL.	
		FILING DATE October 1, 1997	GROUP 2787

RECEIVED

JAN 21 1999

Group 2700



U.S. PATENT DOCUMENTS

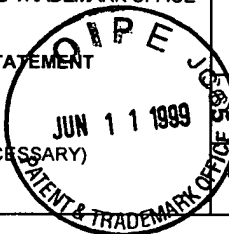
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>JA</i>	5,802,552	09/01/98	Fandrich et al.	—	—	
<i>JA</i>	5,805,834	09/08/98	McKinley et al.	—	—	
<i>JA</i>	5,809,224	09/15/98	Schultz et al.	—	—	
<i>JA</i>	5,812,757	09/22/98	Okamoto et al.	—	—	
<i>JA</i>	5,812,858	09/22/98	Nookala et al.	—	—	
<i>JA</i>	5,815,117	09/29/98	Kolanek	—	—	
<i>JA</i>	5,822,547	10/13/98	Boesch et al.	—	—	

EXAMINER <i>Thomas Hubler</i>	DATE CONSIDERED <i>6-20-99</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MNFRAME.002A1APPLICATION NO.
08/942,160INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Sheikh, et al.FILING DATE
October 1, 1997GROUP
2785 2787

RECEIVED

JUN 10 1999

Group 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
28	A	4,057,847	11/08/77	Lowell et al.	364	200	
24	B	4,672,535	06/09/87	Katzman et al.	364	200	
24	C	4,769,764	09/06/88	Levanon	364	708	
28	D	5,051,720	09/24/91	Kittirutsunetorn	340	310 R	
24	E	5,157,663	10/20/92	Major et al.	371	9.1	
20	F	5,253,348	10/12/93	Scalise	395	325	
26	G	5,266,838	11/30/93	Gerner	307	19	
26	H	5,432,946	07/11/95	Allard et al.	395	750	
24	I	5,473,499	12/05/95	Weir	361	58	
24	J	5,526,289	06/11/96	Dinh et al.	364	557	
24	K	5,528,409	06/18/96	Cucci et al.	359	171	
24	L	5,546,272	08/13/96	Moss et al.	361	687	
24	M	5,559,764	09/24/96	Chen et al.	396	30	
24	N	5,559,958	09/24/96	Farrand et al.	395	183.03	
24	O	5,572,403	11/05/96	Mills	361	695	
24	P	5,598,407	01/28/97	Bud et al.	370	330	
24	Q	5,621,159	04/15/97	Brown et al.	73	9	
24	R	5,622,221	04/22/97	Genga, Jr. et al.	165	208	
24	S	5,652,892	07/29/97	Ugajin	395	750	
24	T	5,671,371	09/23/97	Kondo et al.	395	306	
24	U	5,737,708	04/07/98	Grob et al.	455	557	
24	V	5,742,833	04/21/98	Dea et al.	395	750.05	
24	W	5,752,164	05/12/98	Jones	455	33.1	
24	X	5,778,197	07/07/98	Dunham	395	284	
24	Y	5,787,459	07/28/98	Stallmo et al.	711	112	
24	Z	5,790,775	08/04/98	Marks et al.	395	182.07	
24	A1	5,796,580	08/18/98	Komatsu et al.	361	687	
24	B1	5,802,305	09/01/98	McKaughan et al.	395	200.57	

EXAMINER

Thomas H. H. R.

DATE CONSIDERED

6-24-99

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MNFRAME.002A1	APPLICATION NO. 08/942,160
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		<div style="text-align: right;">RECEIVED</div> <div style="text-align: right;">JUN 10 1999</div>	
(USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Sheikh, et al.	GROUP 2700 2187 Group 2700
		FILING DATE October 1, 1997	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>JA</i>	C1	5,802,324	09/01/98	Wunderlich et al.	395	281	
<i>JA</i>	D1	5,803,357	09/08/98	Lakin	236	78 B	
<i>JA</i>	E1	5,812,748	09/22/98	Ohran et al.	395	182.02	
<i>JA</i>	F1	5,821,596	10/13/98	Miu et al.	257	419	
<i>JA</i>	G1	5,835,719	11/10/98	Gibson et al.	395	200.51	
<i>JA</i>	H1	5,838,932	11/17/98	Alzien	395	308	
<i>JA</i>	I1	5,852,724	12/22/98	Glenn, II et al.	395	200.69	
<i>JA</i>	J1	5,864,653	01/26/99	Tavallaei et al.	315	181	
<i>JA</i>	K1	5,875,310	02/23/99	Buckland et al.	395	306	
<i>JA</i>	L1	5,878,238	03/02/99	Gan et al.	395	308	
<i>JA</i>	M1	5,881,311	03/09/99	Woods	395	824	
	N1						

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
<i>JA</i>	1	Shanley and Anderson, PCI System Architecture, Third Edition , Chapters 15 & 16, pp. 297-328, CR 1995.
<i>JA</i>	2	PCI Hot-Plug Specification, Preliminary Revision for Review Only, Revision 0.9, pp. i-vi, and 1-25, March 5, 1997.
<i>JA</i>	3	SES SCSI-3 Enclosure Services, X3T10/Project 1212-D/Rev 8a, pp. i, iii-x, 1-76, and I-1 (index), January 16, 1997.
<i>JA</i>	4	Compaq Computer Corporation, Technology Brief, pp. 1-13, December 1996, "Where Do I Plug the Cable? Solving the Logic--Physical Slot Numbering Problem."

S:\DOCS\RJS\RJS-2221.DOC
060499

EXAMINER <i>Thomas H. H. H.</i>	DATE CONSIDERED <i>6-24-99</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	